

Downtown Crossing Open House



May 8, 2013



Who We Are



- * Walsh Design Build Team – includes:
 - * The Walsh Group – Largest Midwest transportation contractor, 114 years in business
 - * Jacobs Engineering Group, Inc. – 3rd largest design firm, extensive experience in major river crossings and interchanges
 - * Milestone Construction Company – Indiana's largest road builder, employees 1,000+ locally
- * Kentucky Transportation Cabinet

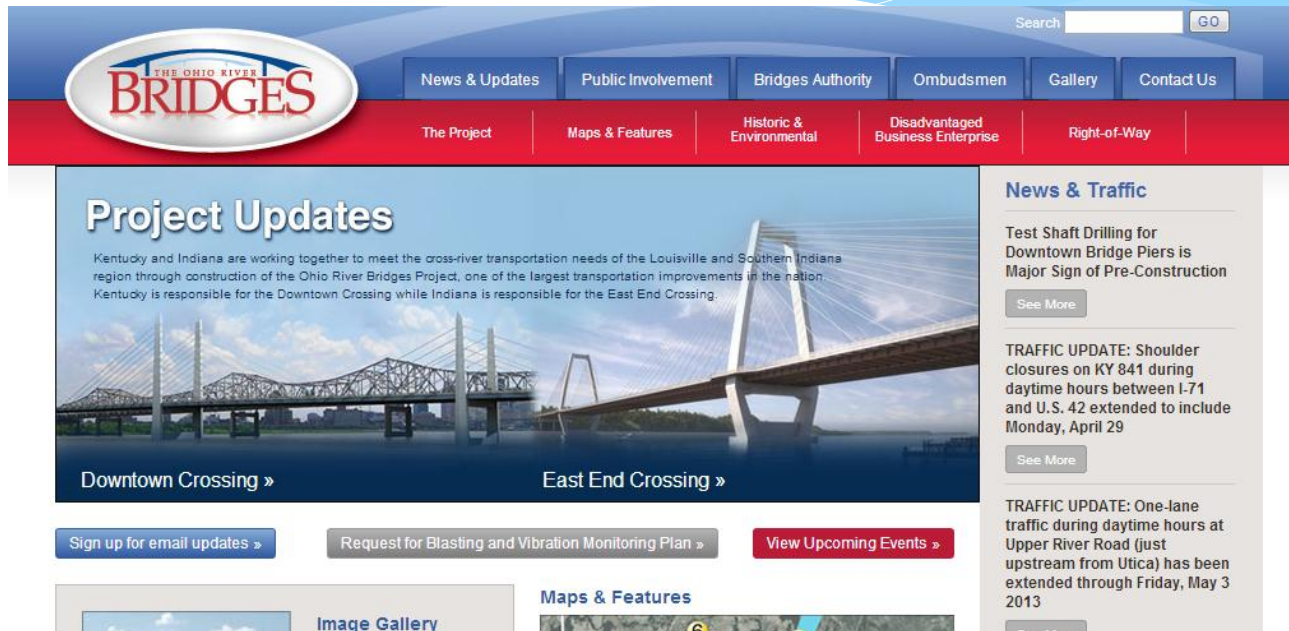


Overall Ohio River Bridges Project



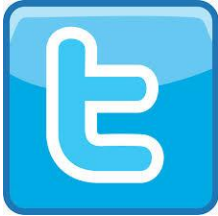
Where to Learn More

www.kyinbridges.com



- * News, updates, traffic information
- * Add yourself to email list
- * Photos, renderings and videos
- * Events/Meetings

Other Sources of Information: Downtown Crossing



* @LouDntwnBridge



* Louisville Downtown Bridge



* Project Hotline: 1-888-ORB-1993

What We're Building Downtown



Project Wide:

- 60+ overpasses and bridges
- 60+ retaining walls
- 1.3 million cubic yds earthwork
- 538,000 feet piling
- 442,000 tons asphalt

River Bridge:

- 2,114 feet long with 3 towers
- 71 feet above water in shipping lane
- 50,000 cubic yds concrete
- 15.8 million pounds steel

Where We're Working

Three Sections Simultaneously

Section 1 – Kentucky approach

I-65 from Muhammad Ali to Kennedy Bridge

I-64 River Road to Mellwood

I-71 Interchange to Frankfort Avenue



Section 2: Bridges

NB I-65 Cable Stayed Bridge

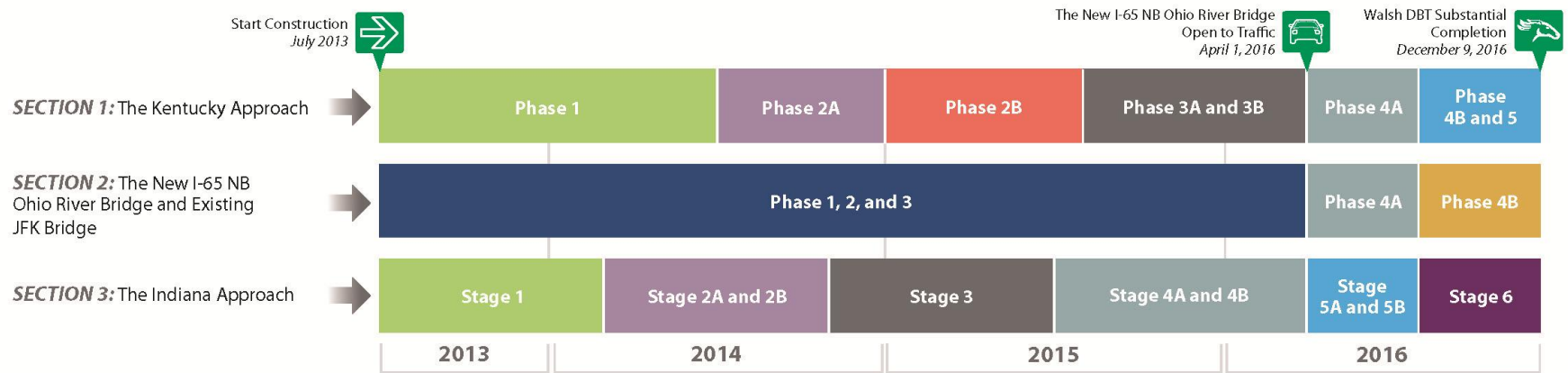
SB I-65 Existing JFK Bridge Re-decking



Section 3: Indiana approach

I-65 from W. Market St. north to Stansifer Ave

Construction Schedule 2013-2016

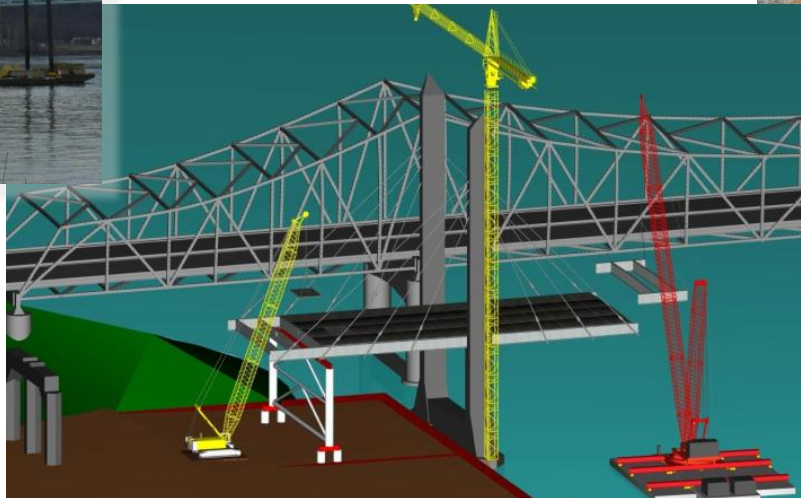


Construction Schedule 2013



Area	Work: Impact	Starting Timeline
Section 1: Kentucky Approach	<ul style="list-style-type: none"> • Adams Street relocation: current Adams Street open during construction of relocated street • Ramp closure: I-64 Eastbound to I-65 Southbound: consider I-264 as alternate route • Retaining Walls for new Southbound I-65: lane restrictions on Southbound I-65 from Witherspoon to Muhammad Ali • Overpass Construction at Main & Market, and Witherspoon @ I-71: daytime lane restrictions; nighttime closures may be required during beam setting 	<ul style="list-style-type: none"> • July 2013 • Ramp closes July 1, 2013, for 1,000 days • July 2013 • July 2013
Section 2: Bridges	<ul style="list-style-type: none"> • Kennedy Bridge Repairs: I-65 southbound reduced to one lane from 9 pm Fridays to 5 am Mondays • Causeway construction at Indiana side: no traffic impact, river traffic maintained • Waterfront Park safety zone fencing/Bulkhead construction at Kentucky side: detour for pedestrians/cyclists along River Road sidewalk • Pier Shaft Drilling: no traffic impact 	<ul style="list-style-type: none"> • Weekends only, May 10-13, May 17-20 and May 31-June 3 • June 2013 • May 2013 • June 2013
Section 3: Indiana Approach	<ul style="list-style-type: none"> • Exit 0 northbound ramp work: current NB Exit 0 remains open during construction of new exit ramp • Building and signage removal: no traffic impact • Retaining Walls between Market & Court: no traffic impact • Retaining Walls & Ramps at Stansifer Avenue: lane restriction on Southbound ramp from Stansifer 	<ul style="list-style-type: none"> • July 2013 • Underway • July 2013 • July 2013

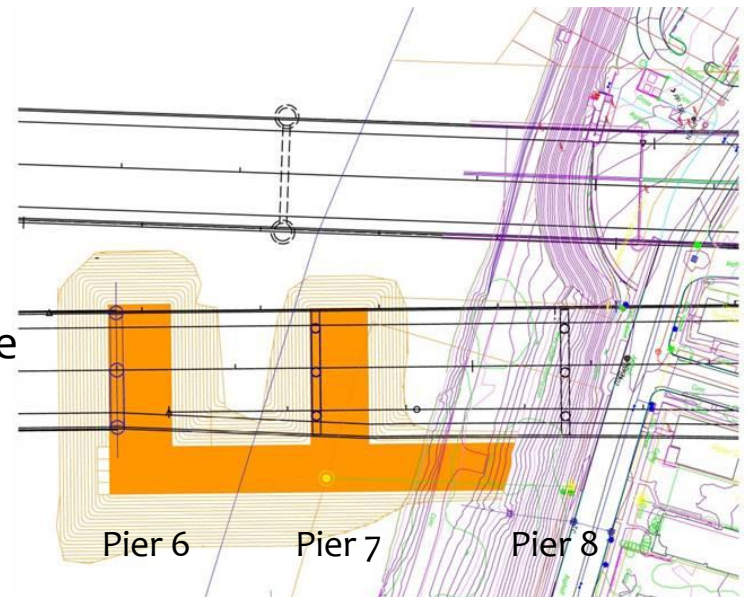
Our Bridge Building Equipment



Construction Access Safety Zones



Kentucky Staging Area – Bulkhead



Indiana Staging Area - Causeway

Getting from Here to There



Traffic Maintenance Goals

- * Maintain traffic flow
- * Minimize disruptions
- * Support timely project completion
- * Communicate lane narrowings/
changes/closures
 - * Signage
 - * Variable Message signs
 - * Highway advisory radio
 - * Website
 - * News media
 - * Social media
 - * Email

It's a Construction Project, but...



- * Two lanes of traffic to be maintained in each direction on interstates at all times
- * River Road sidewalk connecting Waterfront Park will remain open throughout construction



Mitigation/Prevention of Construction Impacts – Vibration/Noise



Surveying/Monitoring
of Historic District
Structures



Mitigation/Prevention of Construction Impacts – Major Public Events

- * Coordination with:
 - * Venue permit offices
 - * Waterfront Development Corporation
 - * Event planners
 - * Local governments
 - * First responders



Aesthetics & Enhancements Process

- * Guidelines

- * Color and texture
- * Substantial landscaping that requires minimal maintenance
- * Leave areas for planting of annuals by local entities
- * Signage designed in coordination with local entities to clearly direct visitors
- * An attractive, **safe**, uncluttered, underpass environment
- * Design minimizes the accumulation of litter
- * Area Advisory Teams representing local residents/businesses have been involved since early stages of project development
- * Walsh DBT recently met twice with each AAT regarding specific options
- * Final recommendations to be approved by Bi-State Management Team

Aesthetics & Enhancements

Plaza Example



Witherspoon & River at Big Four Bridge

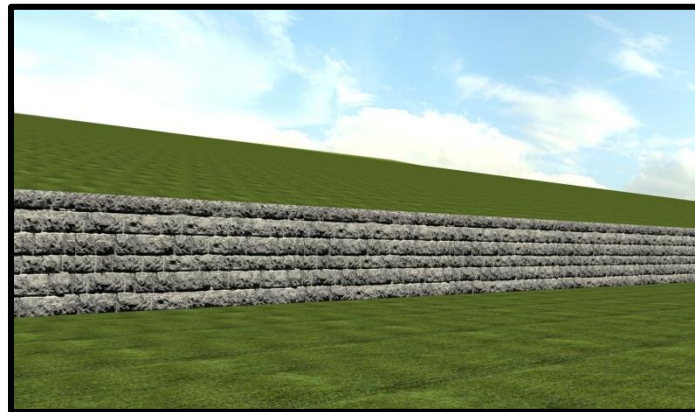
Aesthetics & Enhancements Gateway / Retaining Wall Examples



Market Street, Louisville

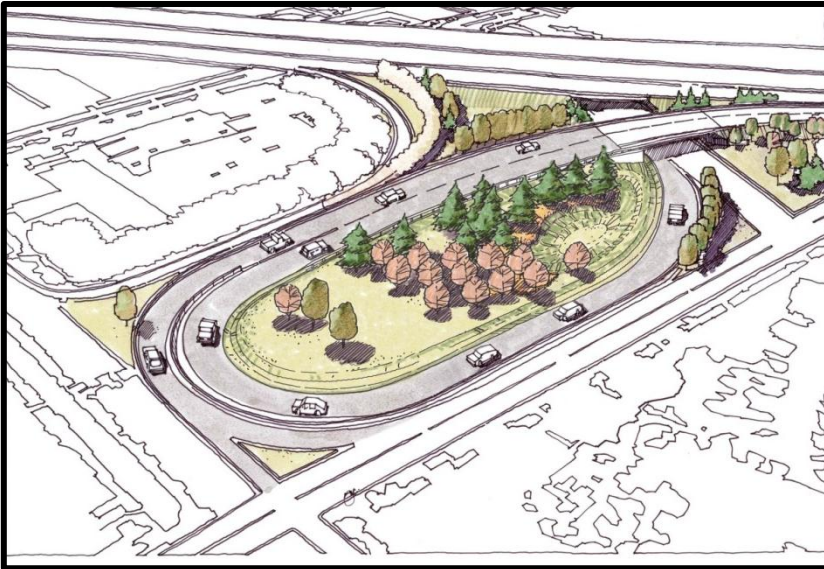


Court Avenue East, Jeffersonville



Retaining Walls

Aesthetics & Enhancements Landscaping/Signage Examples



Liberty Loop, Louisville



Kentucky Approach



Jeffersonville Signage

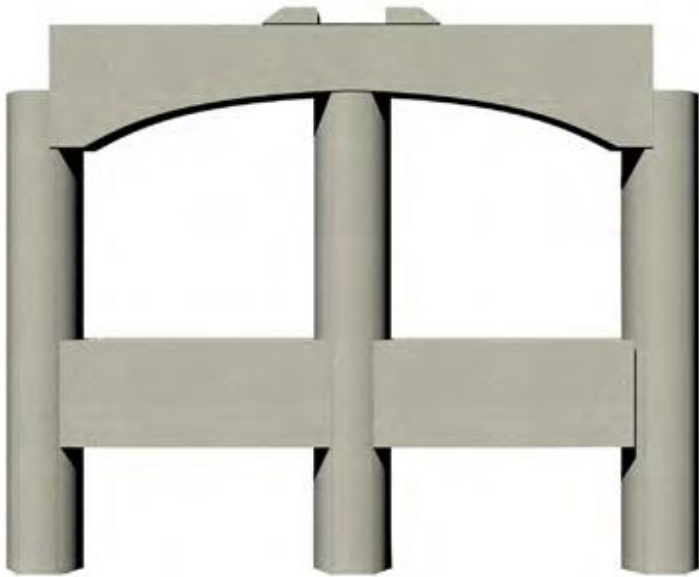
Aesthetics & Enhancements Bridge



Indiana Approach Span –
Round with Reveals



Aesthetics and Enhancements Bridge



Arched Anchor Piers



Angled Tower Piers

Reminder: Where to Get more Info

- * Website (www.kyinbridges.com)

- * Website (www.kyinbridges.com)
- *  @LouDntwnBridge
- *  Louisville Downtown Bridge
- * Local news media
- * Twice-yearly open houses
- * Stakeholder meetings / presentations
- * Project tours
- * Direct mailings
- * Project Hotline – 1-888-ORB-1993
- * Traffic communications
 - * Highway Advisory Radio
 - * Variable Message Signs
 - * Temporary Signage

